



Science

Kauri Science Knowledgeathon



Earth and Space

Question	Answer
1. What is the 3rd planet from the sun?	Earth
2. What is the name of the largest ocean on earth?	Pacific
3. What is the name of the highest mountain on earth?	Mt Everest
4. The sixth planet from the sun features an extensive ring system. What is the name of this planet?	Saturn
5. Does the sun orbit the Earth?	No
6. What planet is closest in size to Earth?	Venus
7. Is the sun a star or a planet?	Star
8. Who was the first person to walk on the moon?	Neil Armstrong
9. The Great Barrier Reef is found off the coast of which country?	Australia
10. What do you call a person who studies rocks?	Geologist
11. Over a long period of time while under extreme heat and pressure, graphite turns into which precious mineral?	Diamond
12. What is the name of the layer of earth's atmosphere that absorbs the majority of the potentially damaging ultraviolet light from the sun?	Ozone layer
13. What is the second most common gas found in the air we breathe? HINT: the first is nitrogen	Oxygen
14. Which is hotter, the center of the earth or surface of the sun?	Centre of the Earth
15. What is the name of NASA's most famous space telescope?	Hubble
16. Do stalactites rise from the floor or hang from the ceiling of limestone caves?	Hang from the ceiling
17. Earth is located in which galaxy?	The Milky Way
18. Name the three time periods of the dinosaurs.	Triassic, jurassic, cretaceous
19. What is the name of the deepest location in the world's oceans?	Mariana trench



Human Biology

Question	Answer
1. Your tongue is home to special structures that allow you to experience tastes such as sour, sweet, bitter and salty. What name is given to these structures?	Taste buds
2. The bones that make up your spine are called what?	Vertebrae
3. The flow of blood through your heart and around your body is called?	Circulation
4. The bones around your chest that protect organs such as the heart are called what?	Ribs
5. What is the human body's biggest organ?	The skin
6. The two holes in your nose are called what?	Nostrils
7. The outside layer of skin on the human body is called the?	Epidermis
8. The coloured part of the human eye that controls how much light passes through the pupil is called the...?	Iris
9. True or false? The two chambers at the bottom of your heart are called ventricles.	True
10. What substance are nails made of?	Keratin
11. True or false? An adult human body has over 500 bones.	False (there are 206)
12. Another name for your voice box is the?	Larynx
13. What is the name of the long pipe that shifts food from the back of your throat down to your stomach?	The esophagus
14. True or false? Your ears are important when it comes to staying balanced.	True
15. What is the name of the biggest part of the human brain?	The cerebrum
16. What is the name of the substance that gives skin and hair its pigment?	Melanin
17. The muscles found in the front of your thighs are known as what?	Quadriceps
18. The shape of DNA is known as?	A double helix



Plants and Animals

Question	Answer
1. A group of lions are known as what?	A pride
2. A 'doe' is what kind of animal?	A female deer
3. What are female elephants called?	Cows
4. True or false? Mice live for up to 10 years.	False (Most mice live between 1 and 5 years)
5. True or false? Crocodiles have no sweat glands so they use their mouths to release heat.	True
6. Bees are found on every continent of earth except for one, which is it?	Antarctica
7. What is the fastest land animal in the world?	The cheetah
8. The scientific study of plant life is known as what?	Botany
9. True or false? In the right conditions bamboo can grow over 60cm in just one day.	True
10. Is a dolphin a mammal?	Yes
11. The process of plants using energy from sunlight to turn carbon dioxide into food is known as what?	Photosynthesis
12. The movement of pollen from the anthers to the stigma of a flower is known as what?	Pollination
13. Amber is made from fossilized tree ____?	Resin
14. What is the name of the phobia that involves an abnormal fear of spiders?	Arachnophobia
15. Is a shark a fish or a mammal?	Fish
16. What grain has the highest level of worldwide production? (Hint: Rice is second)	Maize
17. What food makes up nearly all (around 99%) of a Giant Panda's diet?	Bamboo
18. The crocodile species is believed to have been around for how long? 2 million years or 200 million years?	200 million years
19. What type of animal is the largest primate in the world?	Gorilla



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Physical World

Question	Answer
1. What is light a form of?	Energy
2. What unit is used to measure electric power?	Watts
3. What is the Earth's primary source of energy?	The sun
4. A thermometer is used to measure what?	Temperature
5. What happens to metal when it is heated?	Expands
6. What happens to metal when it is cooled?	Contracts
7. What can be used to turn electrical devices on and off?	Switches
8. The wire in a light bulb is called what?	The filament
9. What are the three ways that heat can move?	Radiation, conduction and convection
10. Who is the Hubble Space telescope named after?	Mr Edwin Hubble
11. What is the flow of electrical energy called?	Current
12. Electricity is a form of_____	Energy
13. What can light be split up into?	A spectrum of colours
14. A magnifying glass is what type of lense?	Convex
15. When light bends as it enters a different medium it is known as what?	Refraction
16. What scientist is well known for his theory of relativity?	Albert Einstein
17. An electrical current can produce magnetic...	Forces
18. What vibrates to produce sound?	Matter
19. A person who studies physics is known as a...	Physicist